

Addition of an Abstract

The present invention relates to a multi-functional fitness bicycle, comprising front and rear wheels, a saddle, a frame and hand-and-foot drive system; the hand-and-foot drive system includes at least one pedal, and a foot drive chainwheel, the foot drive chainwheel being coupled with the pedal via a pedal crank; the hand-and-foot drive system further comprises a front wheel drive system including a hand drive gear, which is driven by a rocker arm integrated with a front fork; the front driving rocker arm is pivoted to the front driving axle seat and drives the front wheel; characterized in that the bicycle further comprises an inertial energy storage wheel for adjusting resistance automatically and a variable-resistance control system, which automatically adjusts kinetic resistance of the inertial energy storage wheel when the bicycle is driven. The multi-functional fitness bicycle of the present invention can be ridden at a small space, and the exerciser can perform exercises smoothly when he/she selects bigger kinetic resistance.